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Macintosh Performa 6400/180 & 6400/200: Specifications (11/96)

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TOPIC -----

This article contains the technical specifications for the Macintosh Performa 6400/180 and 6400/200 computers.

DISCUSSION -----

Microprocessor

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- * PowerPC 603e processor running at 180 MHz (Macintosh Performa 6400/180)
- * PowerPC 603e processor running at 200 MHz (Macintosh Performa 6400/200)
- * Integrated floating-point unit
- * 40-MHz, 64-bit bus
- * 32K internal cache
- * 256K level 2 cache (included with Macintosh Performa 6400/200; optional enhancement available separately for use with the Macintosh Performa 6400/180)

Memory

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- * Two DIMM expansion slots
- * Comes with 16 MB of RAM (8 MB on logic board and 8 MB in one DIMM socket)
- * Can be expanded to 136 MB
- * Uses 64-bit-wide, 168-pin, noncomposite, 70-nanosecond or faster DIMMs (1K or 2K refresh)

Disk drives

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- * Internal 1.6 GB IDE hard disk drive (Macintosh Performa 6400/180)
- * Internal 2.4 GB IDE hard disk drive (Macintosh Performa 6400/200)
- * Internal Apple SuperDrive floppy disk drive
 - Uses high-density, 1.4MB floppy disks
 - Reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- * Internal AppleCD 8x drive

Modem

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- * 28.8-Kbit/s data/voice/fax modem*
- * Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)

Sound

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- * Stereo 16-bit sound
- * SRS surround-sound enhancement
- * Subwoofer speaker
- * Sound-input port (for an Apple PlainTalk microphone, other microphone, or standard mini-plug audio cable)
- * Sound-output port
- * Front headphone jack and volume control

Interfaces

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- * SCSI interface port for connecting as many as five external SCSI devices, such as disk drives, CD-ROM drives, and scanners (multiple devices can be connected to each other from one port)
- * Pre-cabled SCSI expansion bay for additional 5.25-inch internal SCSI device
- * Apple Desktop Bus port for mouse, keyboard, and other devices (multiple devices can be connected to each other from one port)
- * Two serial ports (RS-232/RS-422) for an AppleTalk network connection, other network connections, communications equipment (including GeoPort compatible devices), or a printer
- * Video-output port
- * Two PCI expansion slots (require PCI cards that come with a Macintosh driver and are PCI 2.0-compliant; NuBus cards cannot be used in these slots)
- * Communications (Comm II) slot for a 28.8-Kbit/s modem (used by built-in modem*)
- * Video input slot for optional Apple Video System (supports NTSC, PAL, and SECAM video formats)
- * Expansion bay for optional Apple TV/FM Radio System
- * Infrared receiver for remote control (provided with Apple TV/FM Radio System)

Display support

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- * 1 MB of video RAM
- * 16-bit color for display of up to 32,768 colors on monitors using 640- by 480-pixel or 800- by 600-pixel resolution
- * 8-bit color for display of 256 colors on monitors using 832- by 624-pixel or 1,024- by 768-pixel resolution

Electrical requirements and compliance

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- * Line voltage: 100 to 125/200 to 240 V AC, RMS, single phase
- * Frequency: 47 to 63 Hz
- * Power: 220 W maximum (continuous)
- * Includes low-power sleep mode
- * Energy saving in sleep mode.

Size and weight

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- * Height: 16 in. (40.6 cm)
- * Width: 7.8 in. (19.8 cm)
- * Depth: 16.9 in. (42.8 cm)

* Weight: 44.5 lb. (20.18 kg)

Operating environment

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- * Operating temperature: 50 to 97 degrees F (10 to 35 degrees C)
- * Storage temperature: -40 to 116.6 degrees F (-40 to 47 degrees C)
- * Relative humidity: 5% to 95%, noncondensing
- * Maximum altitude: 10,000 ft. (3,048 m)

Disability access

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- * CloseView software magnifies screen image up to 16 times
- * Easy Access software permits combination keys to be pressed sequentially and enables cursor control from the numeric keypad instead of the mouse
- * Visual beep replaces audible system alerts

Article Change History:

- 15 Nov 1996 - Clarified number of DIMM expansion slots.
- 19 Sep 1996 - Added Keyword.
- 10 Sep 1996 - Updated information.

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